



Tractor 4500

4500

The **Ventrac 4500 tractor** was built with you in mind. From the advanced electrical system, redesigned frame, more safety and comfort features; the 4500 offers the reliable performance, astounding versatility and comfortable handling you have come to expect.

Like all Ventrac tractors, the 4500 utilizes All Wheel Drive and an articulating chassis with a low center of gravity to provide superior traction, braking, stability, and security on tough terrain and slopes without disturbing turf when turning.

Over 30 Ventrac Mount Attachments

Choose from over 30 professional grade Ventrac Mount attachments to transform your Ventrac into a productivity powerhouse.



This incredibly rugged and dependable machine is a wise business investment for golf courses, schools and universities, parks, street maintenance departments, commercial mowing services, contractors, wineries, farms, property management associations, estate owners and anyone needing ONE machine to do it all.



Standard Features:

- Enclosed Muffler
- Pre-Wired Plug and Play Wiring Harness
- Premium Comfort Seat
- Advanced Electronic Instrument Panel
- 6 Function Warning Gauge and Alarm
- Conveniently Located PTO Belt Tensioner
- Onboard Diagnostic System
- Sealed Electrical System
- Thermostatically Controlled Oil Cooler
- Battery Disconnect Switch with Circuit Breaker
- Automotive Style Parking Brake
- Universal PTO Switch
- Enhanced SDLA Operator Controls
- Enhanced Weight Transfer System*
- * Optional on 4500K, standard on other 4500 Models

Optional Accessories Include:

- Turf or Bar Tires
- Category 1 3-Point Hitch
- Cold Weather Cab
- Additional Lighting and Signaling Packages
- Electrical Power Outlets
- Digital Slope Indicator

Visit www.ventrac.com/accessories for full list.



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Specifications

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Model Comparison

	4500K VANGUARD Big Block	4500P KAWASAKI DFI	4500Y KUBOTA Diesel	4500Z KUBOTA Bi-Fuel Ready
Stock Codes	39.51130	39.51207	39.51209	39.51208
Accessory Kit: Front fenders, foot pegs, 4 rear weights, weight transfer	Optional	Standard	Standard	Standard

Engines

Engine	Vanguard M54	Kawasaki FD851D DFI	Kubota D902	Kubota WG972-GL
Max Operating Speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Horsepower	31	31	25	32.5
Peak Torque	47 ft lb	47 ft lb	42 ft lb	51 ft lb
Displacement	896cc	824cc	898cc	962cc
Cylinders	2	2	3	3
Cooling	Air	Liquid	Liquid	Liquid
Fuel Type	Gasoline	Gasoline	Diesel	Gasoline, Propane^
Fuel Capacity	6 gal	6 gal	6 gal	6 gal 2 x 33lb lp tanks^
Fuel Economy^^	1.6 gal/hr	1.2 gal/hr	1.1 gal/hr	1.5 gal/hr (gas) 8.6 lb/hr (lp)^
Slope Rating (continuous/intermittent)	25°/30°	30°/30°	20°/30°	20°/30°
Alternator	50 Amp	30 Amp	60 Amp	60 Amp

Dimensions

Weight with standard hitch	1340 lb (610 kg)	1575 lb (715 kg)	1655 lb (750 kg)	1655 lb (750 kg)
Weight with accessories kit	1565 lb (710 kg)	N/A	N/A	N/A
Weight with 3-point hitch	1660 lb (775 kg) w/ accr kit	1670 lb (760 kg)	1750 lb (795 kg)	1750 lb (795 kg)
Length with standard hitch (ROPS up)		81.5" (207 cm)		
Length with 3-point hitch		92" (234 cm)		
Length with propane kit	N/A	N/A	N/A	99" (252 cm)
Width		48.5" (123 cm)		
Width with wheel extensions		54.5" (138.5 cm)		
Width with duals		73" (185.5 cm)		
Wheelbase (front axle to rear axle)		45" (114 cm)		
Height (ROPS up)		68" (173 cm)		
Height (ROPS down)		54" (137 cm)		
Turning Radius (single tires, standard position)		39" (99 cm)		
Turning Radius (position 2)		54" (137 cm)		
Turning Radius (position 3)		68" (173 cm)		
Oscillation amount (@ wheel)		7.5" (19 cm)		
Ground Clearance		5" (13 cm)		

All specifications subject to change without notice or obligation

[^] If equipped with optional Propane Kit for the 4500Z ^{^^} Fuel Economy tested with HM602 mower for comparison purposes. Application conditions & attachment will affect fuel economy.



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Specifications

All 4500 Tractors

Electrical

Battery	475 CCA (Group 51R)
Voltage	12 volts
Battery Disconnect	Standard, with 150A System Circuit Breaker
Fuses	Sealed, Mini Fuse and J-Case styles

Drivetrain

Hydraulic Pump	Sauer Danfoss 15 series pump
Pump Drive	Direct Drive (Double U-Joint Drive-shaft)
Hydraulic Motors	(2) Sauer Danfoss 15 series motors
Transaxles	Peerless 2600 series
Axles	Peerless 40mm (forged) with integrated forged hub
Hydraulic Oil Cooler	Aluminum w/ Thermostatically controlled Electric Fan
Hydraulic Oil Filter (Suction)	25 micron
Hydraulic Oil Filter (Pressurized)	10 micron

Hitch and PTO

Front Hitch	Ventrac Mount System
Electric PTO clutch with Brake	Ogura GT3.5 (250 ft lb)
Rear Hitch	2" Receiver
3-Point Hitch	Optional Category 1 3-Point Hitch

Tires

Standard (All Terrain)	22x12-8
Optional Turf	22x11-10
Optional Bar	21x11-8

Travel Speed (F/R)

Low Range	5 mph forward / 4 mph reverse
High Range	10 mph forward / 8 mph reverse

Instruments, Gauges, and Alarm

Gauges	Tachometer, Speedometer, Hour Meter, Engine Temperature (liquid cooled engines only), Fuel Level, Volt Meter
Indicator Lights ^ Activates Audible Alarm	Parking Brake, Engine High-Temp^, Hydraulic Oil High Temp^, Low Voltage^, Low Oil Pressure^
Switches	Key, PTO, and Lights

Lights

Head Lights	(2) 55W Halogen Lights
Tail Lights	(2) Red LED Lights

Controls

Forward Reverse	S.D.L.A. (Speed, Direction, Lift, and Auxiliary) Handle; Optional Foot Pedal
Attachment Lift	S.D.L.A. (Primary Handle)
Auxiliary Hydraulics	S.D.L.A. (Secondary Handle)
Throttle	Dash Mounted
Front Hitch Lock	Column Mounted (Accessible from Seat)
PTO Belt Tensioner	Front Mounted, Automatic Tension Controlled
Weight Transfer	5 position
High/Low Range	Single Lever, Column Mounted
3 Pt Controls (Optional)	Lift + 2 sets of Auxiliaries
Steering	Power Steering

Other Features

Tool Box	Standard
Cup Holder	Standard
Seat	Deluxe High Back Seat (arm rests and suspension seat optional)

ROPS

Folding ROPS	Standard
Heavy Duty Off-Road Seat Belt	Standard

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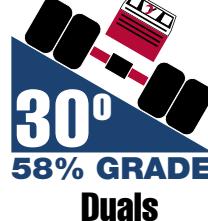
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Slope Specifications

Maximum Slope Rating (any direction)



Max Slope Rating in any direction	Single Tires	Wheel Extensions	Dual Wheels
4500*	20° (36%)	25° (47%)	30° (58%)
4500Z with Propane	15° (27%)	20° (36%)	25° (47%)
4500 with Cab		10° (18%)	
4500 with Spreader		10° (18%)	

* Attachments, accessories, and tire configuration may reduce the 4500 power unit's maximum angle of operation. Refer to applicable operator manuals for maximum angle of operation of equipment.



Digital Slope Indicator
Recommended for operation on slopes.

Engine Ratings

Model #	4500K	4500P	4500Y	4500Z
Engine	B&S Vanguard Model 54	Kawasaki FD851D	Kubota D902	Kubota WG972-GL
Fuel	Gas	Gas (DFI)	Diesel	Gas Propane**
Max Slope Intermittent Use***	30° (58%) [^]	30° (58%)	30° (58%) [^]	30° (58%) [^] 25° (47%) [^]
Max Slope Continuous Use***	25° (47%)	30° (58%)	20° (36%)	20° (36%) 20° (36%)

** With Optional Propane Kit for 4500Z

*** For slope operation over 20°, Wheel Extensions are required for up to 25° or Dual Wheels are required for up to 30°

Intermittent Use Defined

[^] The engine may operate between 20° and 30° for up to 10 minutes. If 10 minutes is reached, the engine must be returned to 20° or less to assure proper oil lubrication. After returning to 20° or less, the intermittent cycle can be repeated. The 4500P Kawasaki DFI engine is rated for 30° continuous operation and does not have this requirement.

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